



PATENT

Case Docket No. AUROBIO.026CP1  
Date: October 9, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Maher, et al.  
Appl. No. : 10/620,312  
Filed : July 14, 2003  
For : ION CHANNEL ASSAY  
METHODS  
Examiner : Unassigned  
Group Art Unit : 1743

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

October 9, 2003  
(Date)  


Erik T. Anderson, Reg. No. 52,559

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing sixty-four (64) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.



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**INFORMATION DISCLOSURE STATEMENT**

Applicant : Maher, et al.  
App. No. : 10/620,312  
Filed : July 14, 2003  
For : ION CHANNEL ASSAY METHODS  
Examiner : Unassigned  
Group Art Unit : 1743

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing sixty-four (64) references that were previously disclosed to or cited by the Patent and Trademark Office in the prosecution of U.S. patent application No. 09/804,457, filed March 21, 2001, which is the parent of this continuation-in-part application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 10-9-03

By: 

Erik T. Anderson  
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. AUROBIO.026CP1	APPLICATION NO. 10/620,312
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Maher, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE July 14, 2003	GROUP 1743

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
1		4,072,578	2/7/78	Cady, et al.		
2		4,514,500	4/30/85	Giaever, et al.		
3		4,461,304	7/24/84	Kuperstein		
4		4,628,933	12/16/86	Michelson		
5		4,677,989	7/7/87	Robblee		
6		4,969,468	11/13/90	Byers, et al.		
7		5,024,233	6/18/91	Chow		
8		5,178,161	1/12/93	Kovacs		
9		5,187,096	2/16/93	Giaever, et al.		
10		5,405,367	4/11/95	Schulman, et al.		
11		5,432,086	7/11/95	Fränzl, et al.		
12		5,439,440	8/8/95	Hofmann		
13		5,545,130	8/13/96	Hofmann, et al.		
14		5,563,067	10/8/96	Sugihara, et al.		
15		5,571,158	11/5/96	Bolz, et al.		
16		5,810,725	9/22/98	Sugihara, et al.		
17		5,855,801	1/5/99	Lin, et al.		
18		5,935,155	8/10/99	Humayun, et al.		
19		5,957,958	9/28/99	Schulman, et al.		
20		5,965,452	10/12/99	Kovacs		
21		5,981,268	11/9/99	Kovacs, et al.		
22		6,008,038	12/28/99	Kröger, et al.		
23		6,009,347	12/28/99	Hofmann		
24		6,024,702	2/15/00	Iversen		
25		6,031,711	2/29/00	Tennent, et al.		
26		6,038,478	3/14/00	Yuen, et al.		
27		6,046,002	4/4/00	Davis, et al.		

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449

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(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
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July 14, 2003GROUP  
1743

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	28	6,051,422	4/18/00	Kovacs, et al.			
	29	6,063,260	5/16/00	Olesen, et al.			
	30	6,099,960	8/8/00	Tennent, et al.			
	31	6,205,016	3/20/01	Niu			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	32	WO97/05922	2/20/97	PCT			
	33	WO00/25121	5/4/00	PCT			
	34	WO00/68686	11/16/00	PCT			
	35	1 067 378 A1	1/10/01	EPO			
	36	96/41166	12/19/96	PCT			

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37	Arndts, Oral Presentation Abstract, Second International Cell Analysis Products Users Meeting in Hilton Head Island, South Carolina, USA (June 3-5, 1998).	
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49	Klee and Plonsey, Biophys. J. 12 1661-1675 (1972).	

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 FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. AUROBIO.026CP1	APPLICATION NO. 10/620,312
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	50	Klee and Plonsey, IEEE 23, 347-354 (1976).
	51	Mitchell et al., J. Biomed. Eng. 14, 52-56 (1992).
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